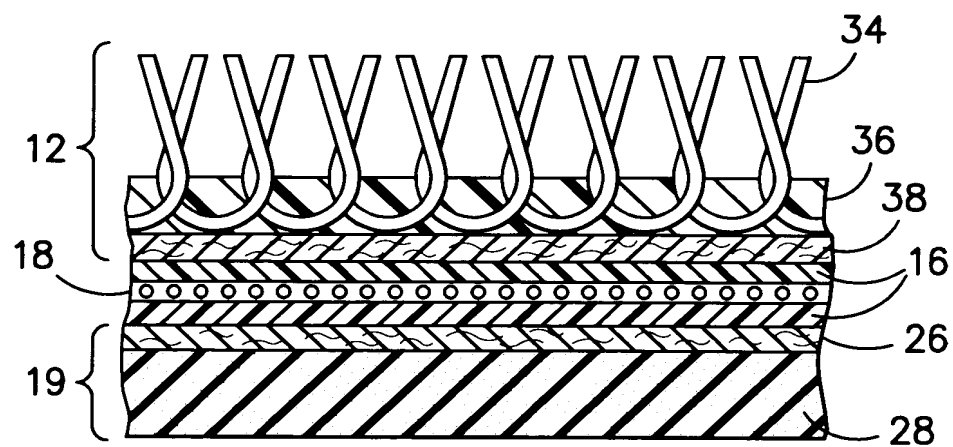


*FIG. -1A-*



*FIG. -1B-*

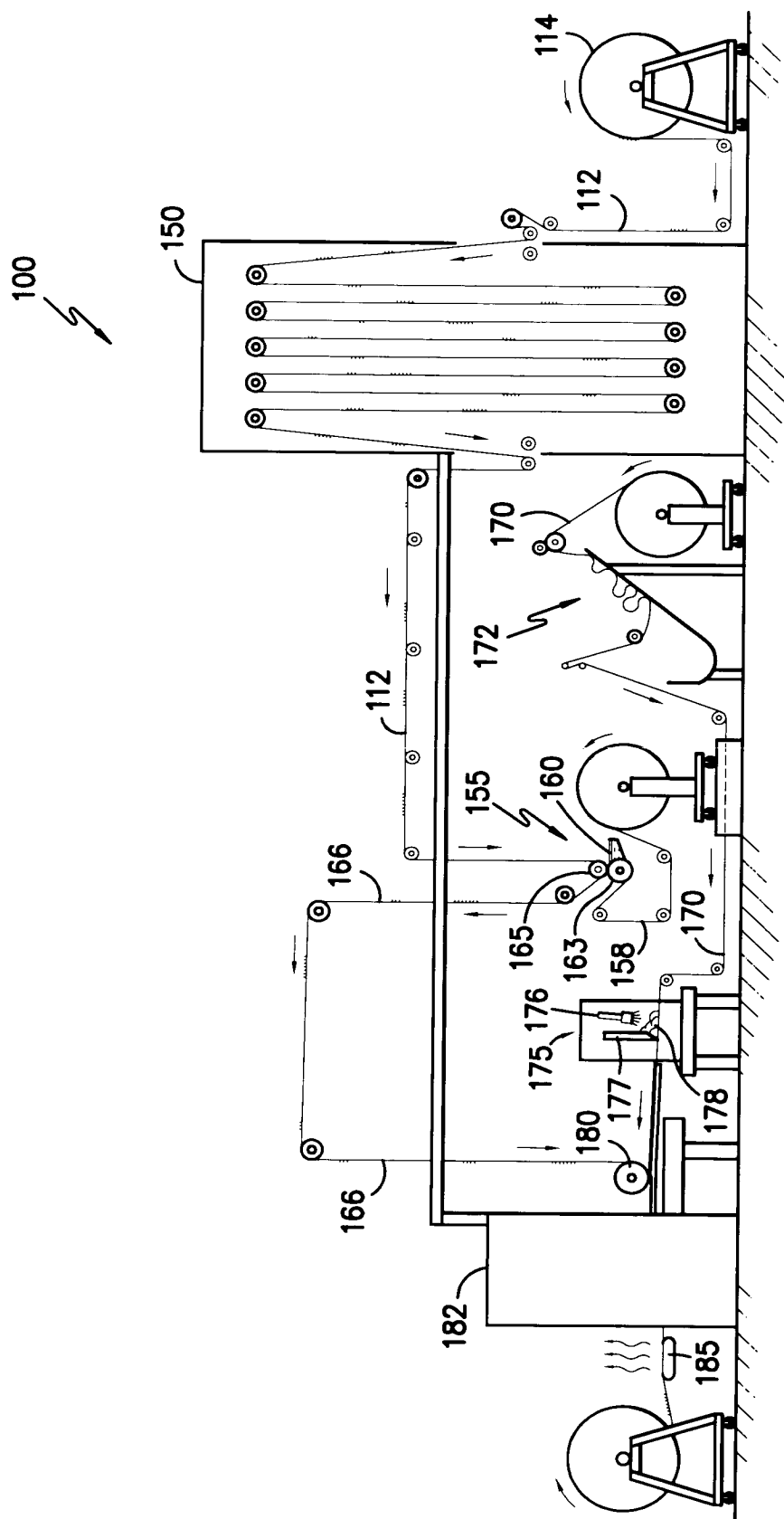
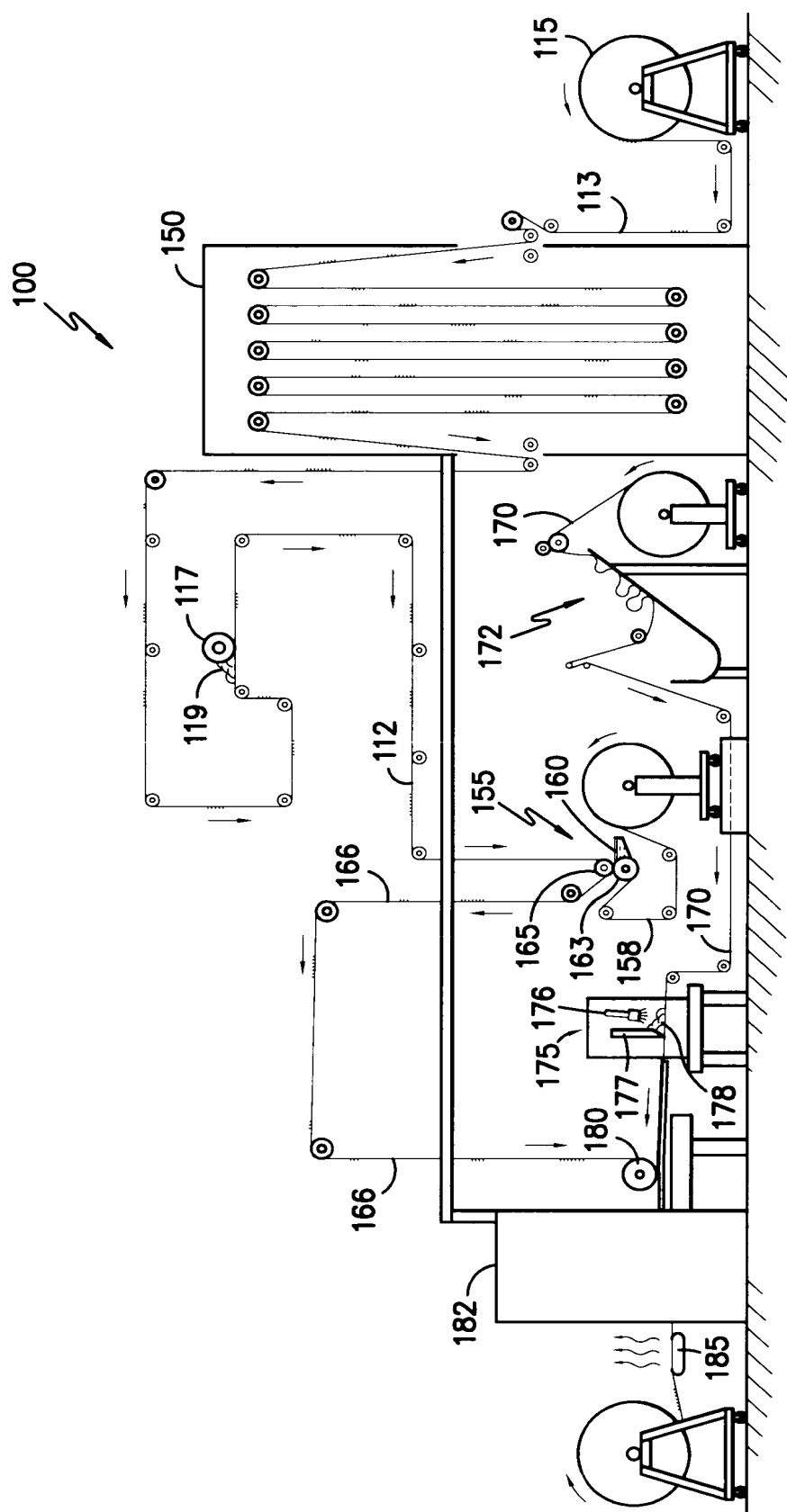
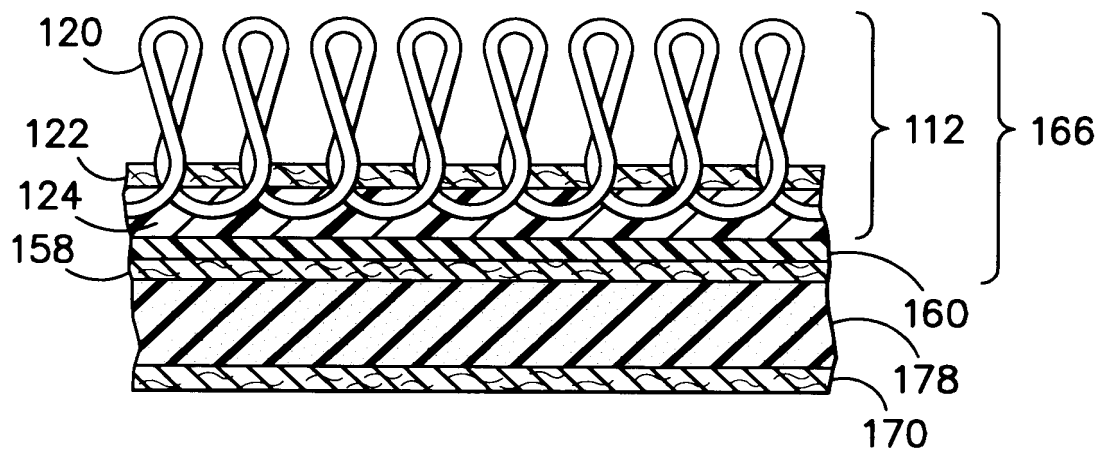


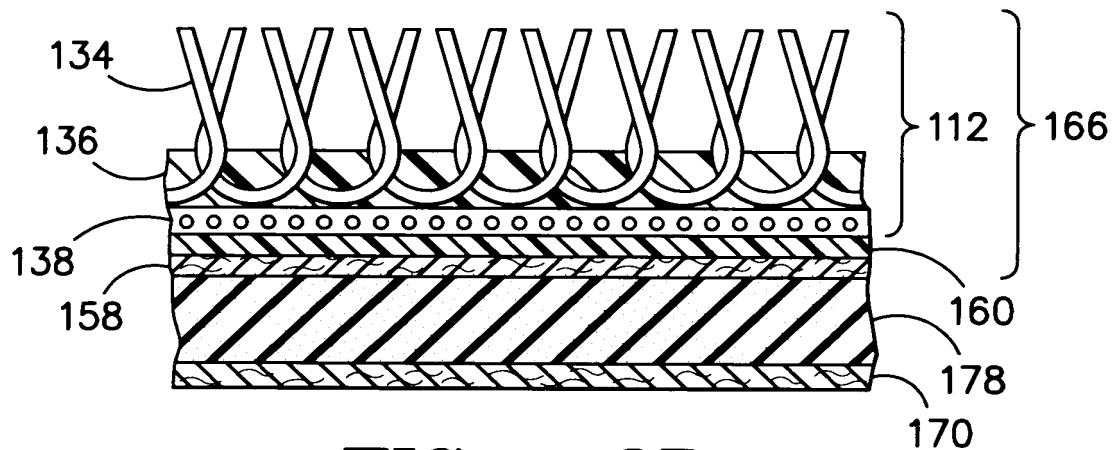
FIG. -2-



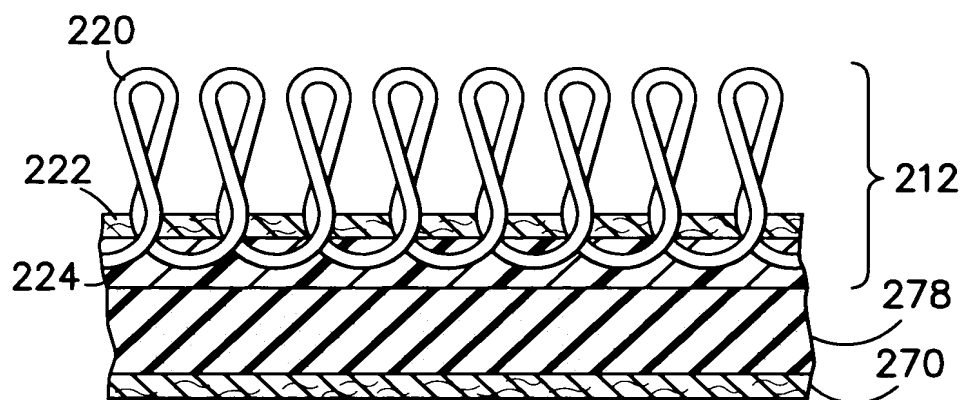
**FIG. -2A-**



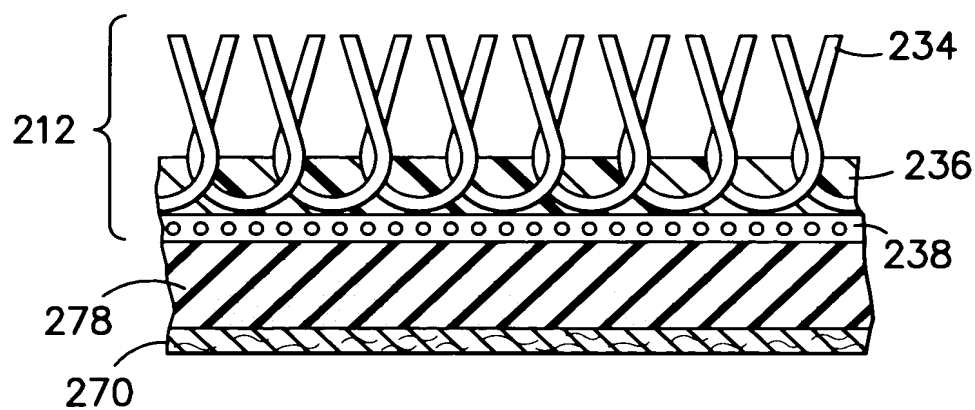
*FIG. -3A-*



*FIG. -3B-*



*FIG. -4A-*



*FIG. -4B-*

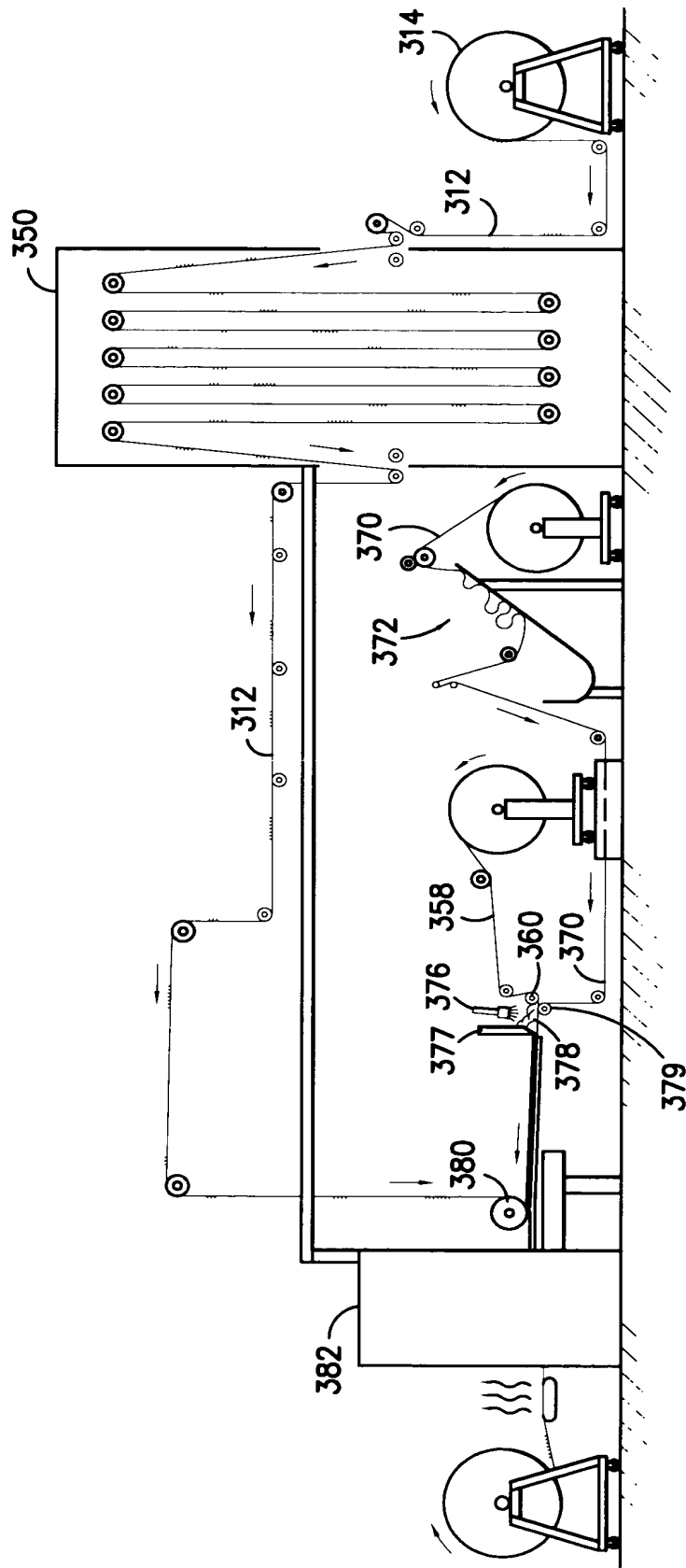


FIG. -5-

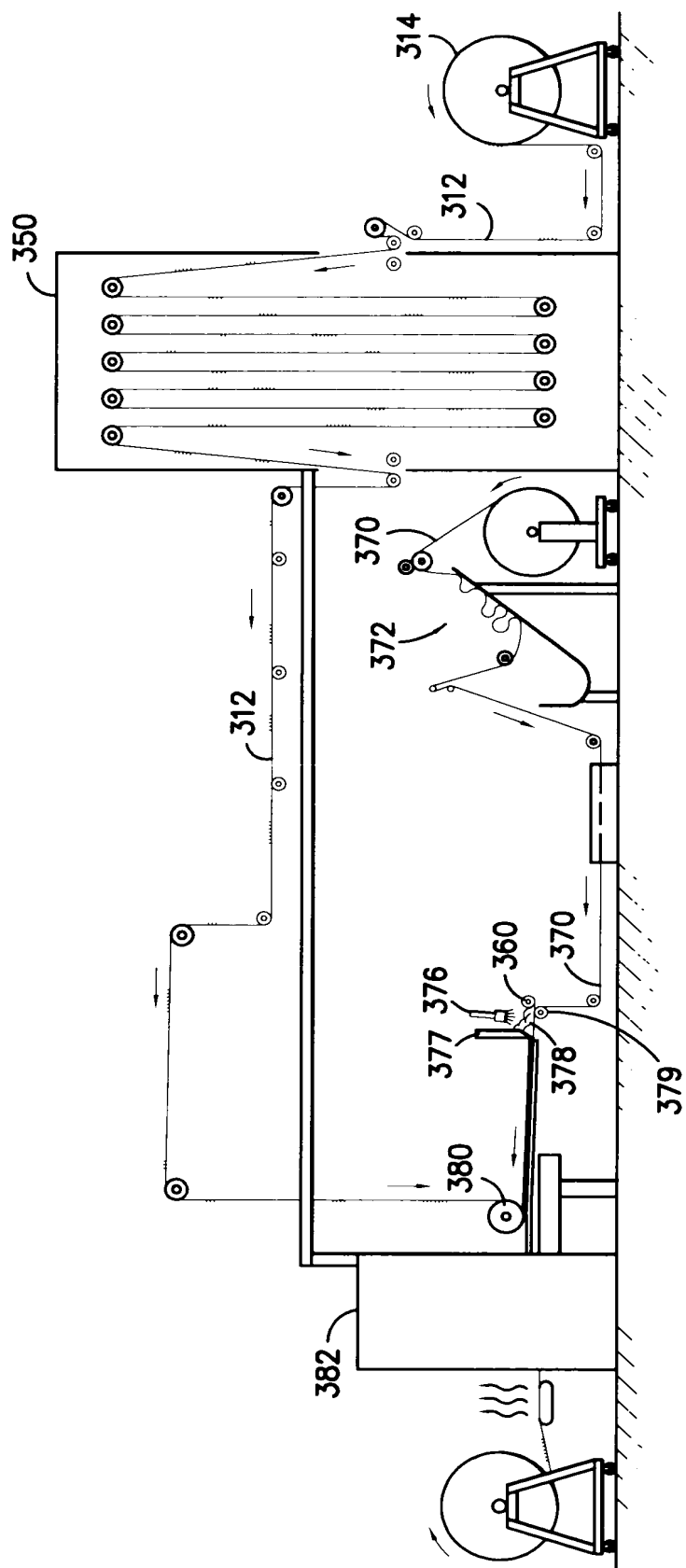
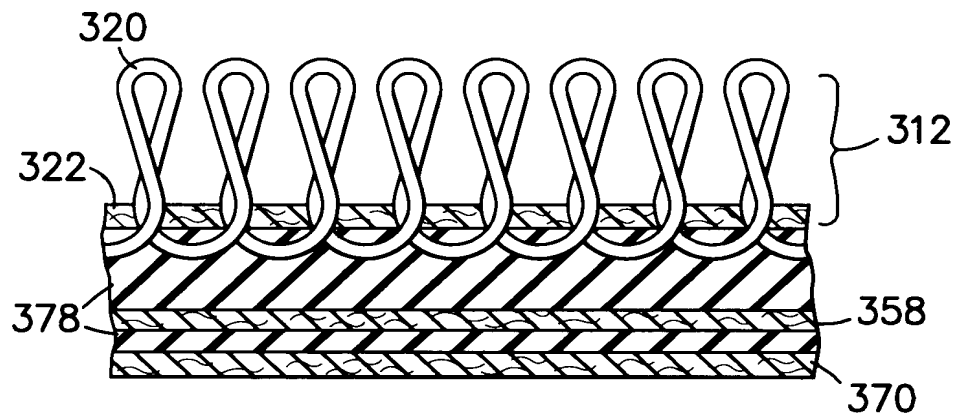
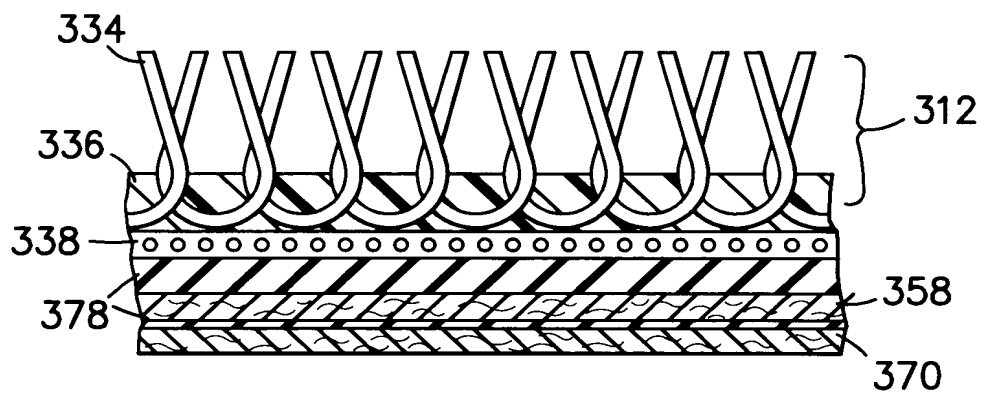


FIG. -5A-



*FIG. -6A-*



*FIG. -6B-*



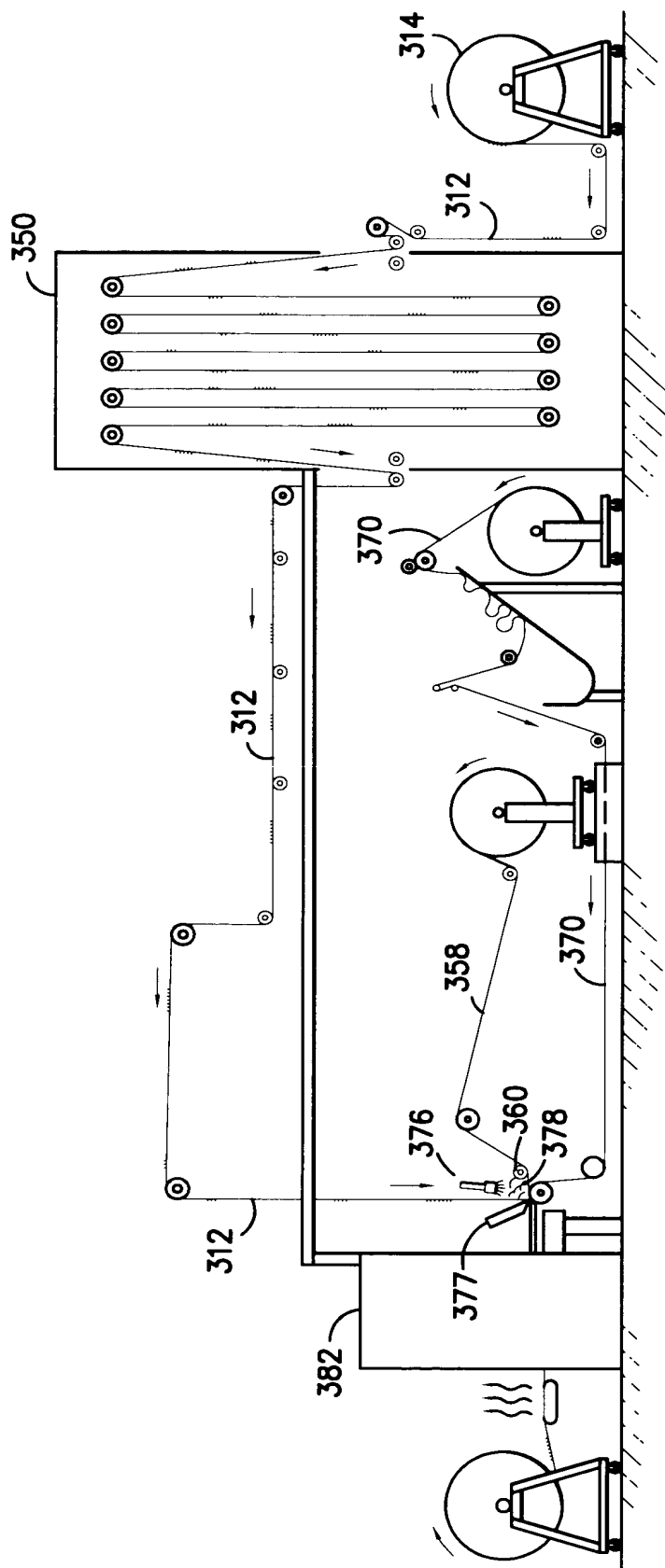
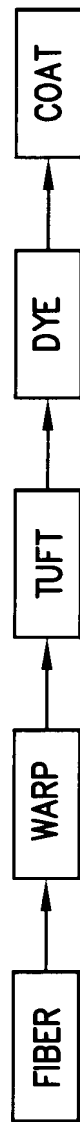
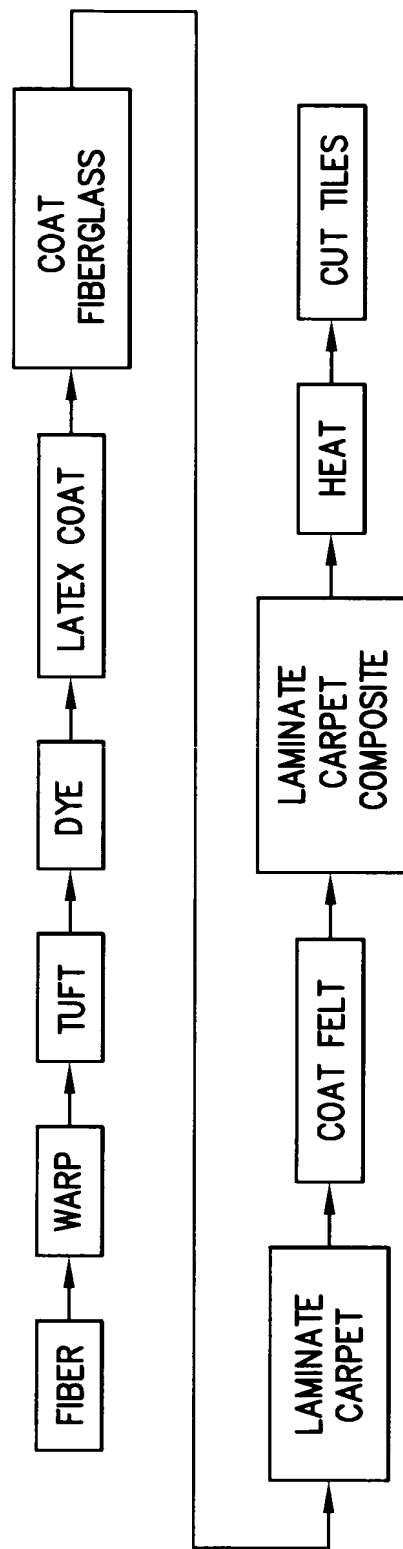


FIG. -7-



*FIG. -8A-*



*FIG. -8B-*

FIBER	FIBER	FILAMENT	DENIER	PLY	TWIST	AIR ENTANGLE	HEATSET
UPPER SETTING	NYLON T-6,6 OR T6	BCF	1700	3	4 x 4	YES	YES
MOST LIKELY SETTING	NYLON T-6,6 OR T6	BCF	1360	1	NONE	NONE	NONE
LOWER SETTING	POLYPROPYLENE	STAPLE	1120	1	NONE	NONE	NONE

WARP	ENDS
UPPER SETTING	1800
MOST LIKELY SETTING	1512
LOWER SETTING	576

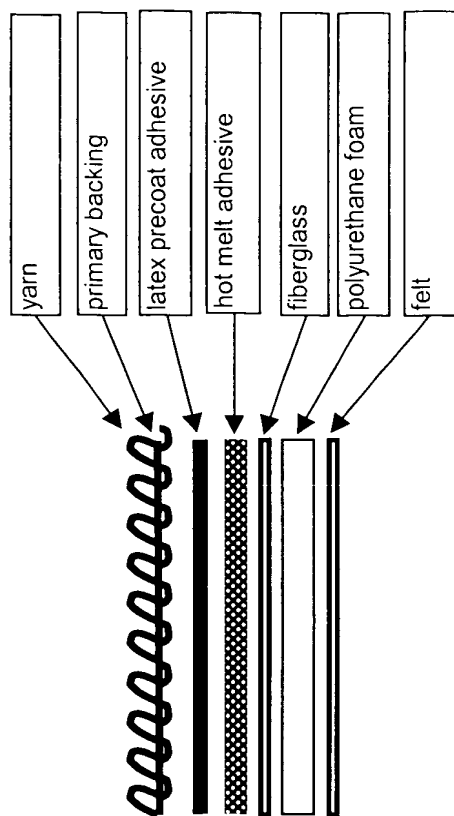
TUFT	TYPE	CREEL	GAUGE	PILE HEIGHT	STITCHES/in	PRIMARY BACKING	PRIMARY FIBER	TUFTED WEIGHT
UPPER SETTING	CUT	BEAM	5/64"	16/64"	18	NON-WOVEN	POLYESTER	15 oz/yd <sup>2</sup>
MOST LIKELY SETTING	LOOP	BEAM	1/10"	10/64 & 13/64	14.39	WOVEN	POLYPROPYLENE	12.34 oz/yd <sup>2</sup>
LOWER SETTING	LOOP	CREEL	1/8"	8/64"	10	WOVEN	POLYPROPYLENE	8 oz/yd <sup>2</sup>

DYE	SCOUR	VACUUM	WET OUT	DESIGN	STEAM	WASH	FLUOROCHEM	DRY
UPPER SETTING	H <sub>2</sub> O 180F	12 in Hg	100' wpu	DYE INJECTION	210F	H <sub>2</sub> O	0.16 oz/yd <sup>2</sup>	300F
MOST LIKELY SETTING	H <sub>2</sub> O 155F	10 in Hg	80' wpu	DYE INJECTION	210F	H <sub>2</sub> O	0.08 oz/yd <sup>2</sup>	270F
LOWER SETTING	H <sub>2</sub> O 120F	6 in Hg	50' wpu	TUFTED DESIGN	210F	H <sub>2</sub> O	0.04 oz/yd <sup>2</sup>	210F

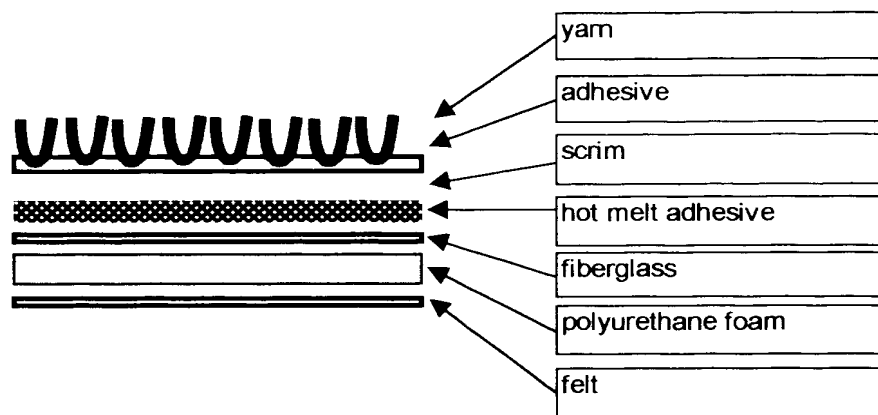
COAT	LATEX TYPE	LATEX ADD ON	LATEX OVEN	HOTMELT ADHESIVE	FIBERGLASS	POLYURETHANE ADD ON	POLYURETHANE THICKNESS	POLYURETHANE DENSITY
UPPER SETTING	SBR	20 oz/yd <sup>2</sup>	320F	50 oz/yd <sup>2</sup>	4 oz/yd <sup>2</sup>	30 oz/yd <sup>2</sup>	0.12 INCHES	18 lb/ft <sup>2</sup>
MOST LIKELY SETTING	SBR	16 oz/yd <sup>2</sup>	300F	42 oz/yd <sup>2</sup>	2 oz/yd <sup>2</sup>	20 oz/yd <sup>2</sup>	0.06 INCHES	16 lb/ft <sup>2</sup>
LOWER SETTING	EVA	12 oz/yd <sup>2</sup>	280F	36 oz/yd <sup>2</sup>	1.5 oz/yd <sup>2</sup>	10 oz/yd <sup>2</sup>	0.04 INCHES	14 lb/ft <sup>2</sup>

COAT	FELT CONSTRUCTION	FELT FIBER	CURE 360F	TILE SIZE
UPPER SETTING	NON-WOVEN	POLYESTER	330F	1 METER
MOST LIKELY SETTING	NON-WOVEN	PE & PP	300F	36 INCH
LOWER SETTING	WOVEN	POLYPROPYLENE		18 INCH

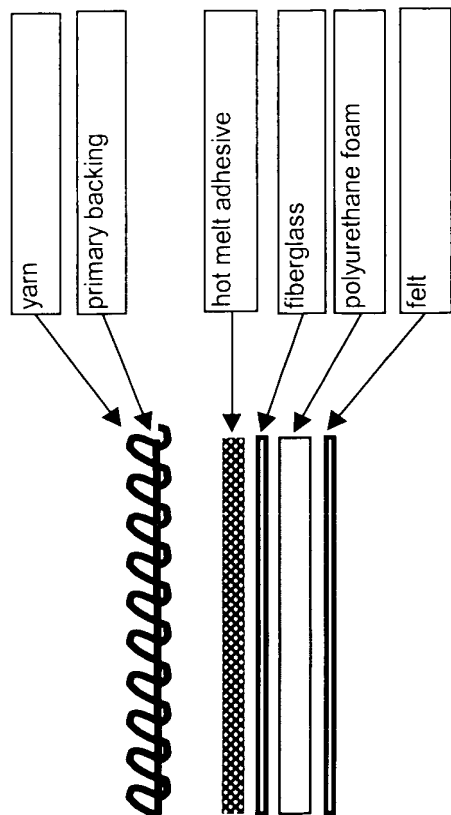
*FIG. -9-*



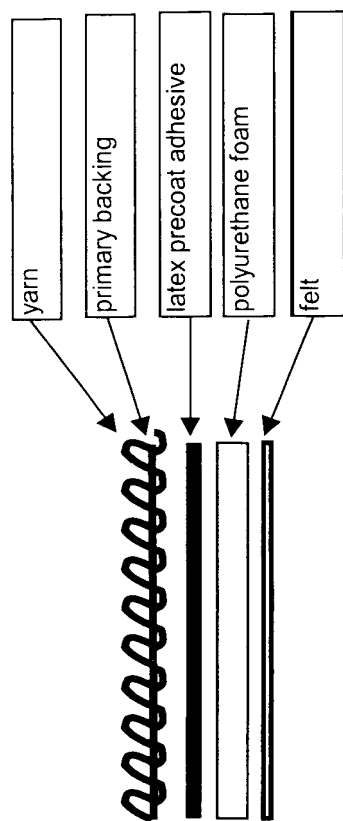
*FIG. -10A-*



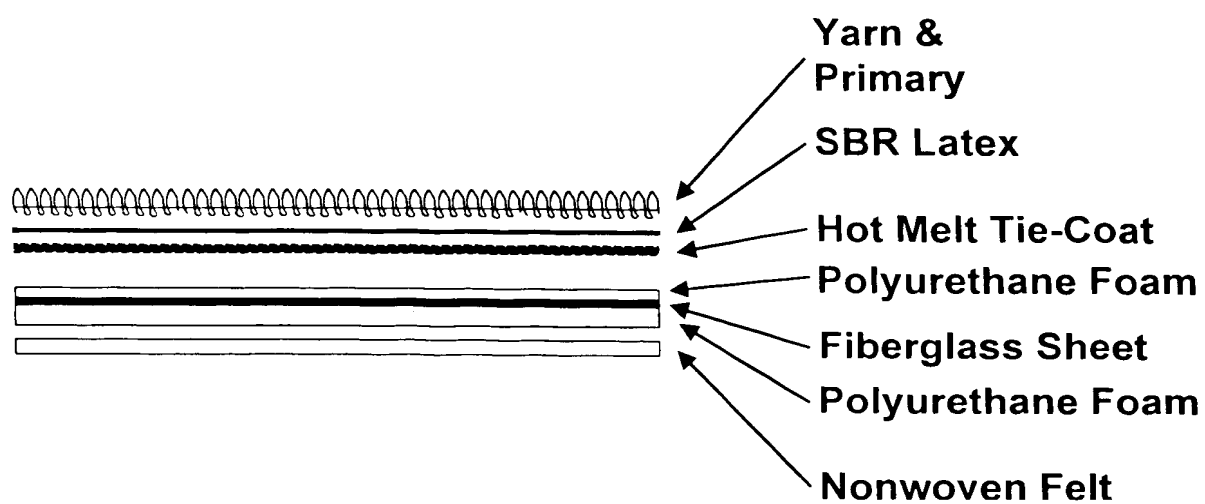
*FIG. -10B-*



*FIG. -11-*

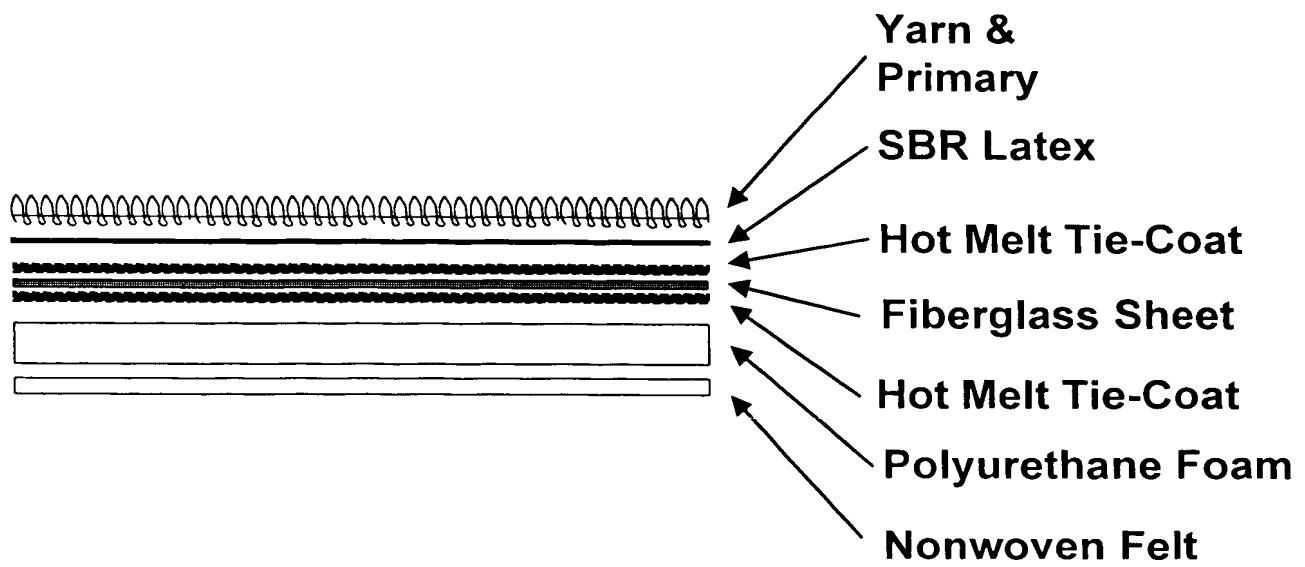


*FIG. -12-*

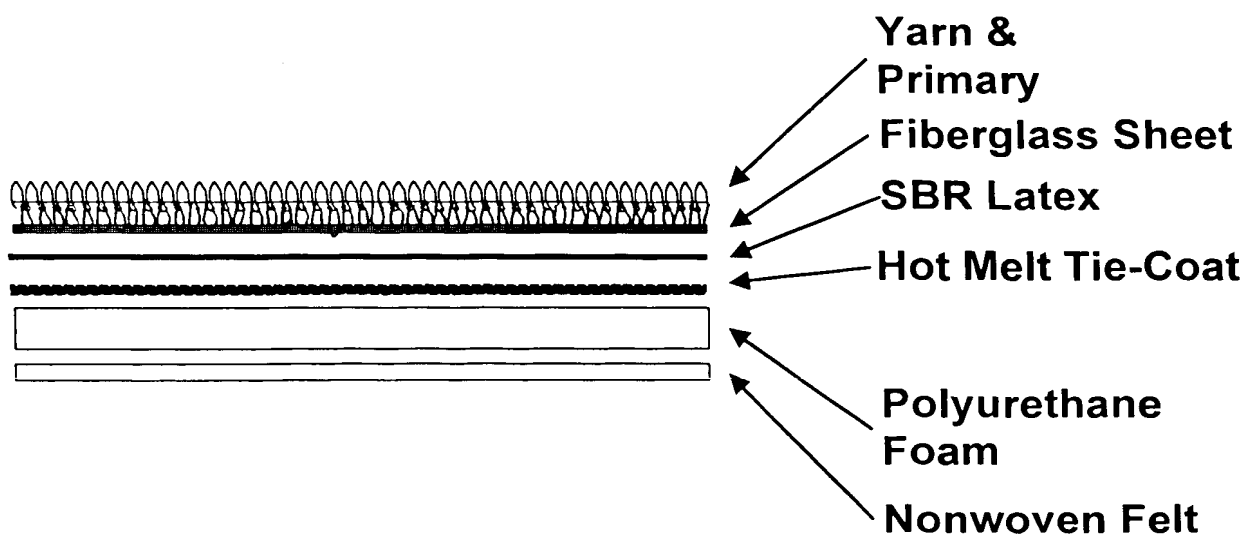


*FIG. -13-*

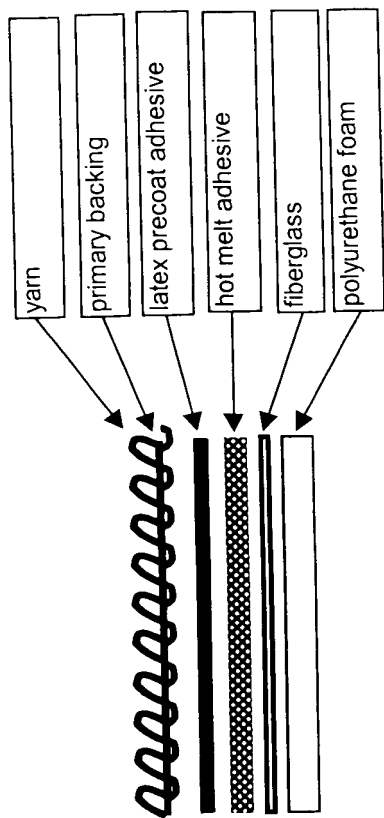




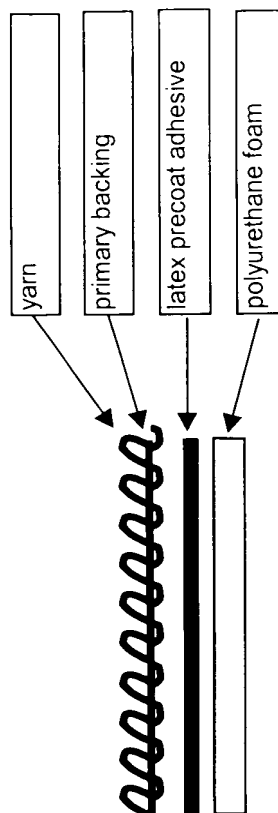
*FIG. -14-*



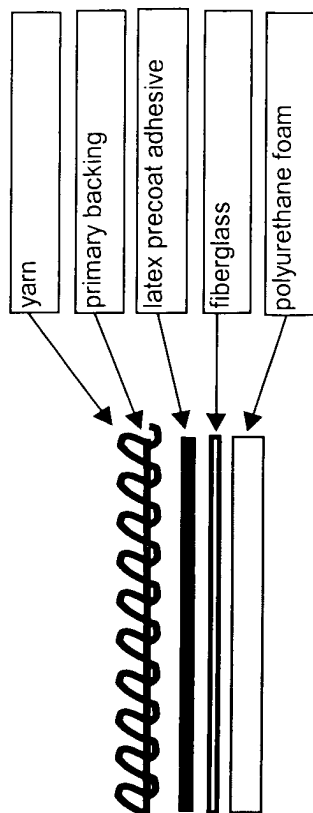
*FIG. -15-*



*FIG. -16-*



*FIG. -17-*



*FIG. -18-*

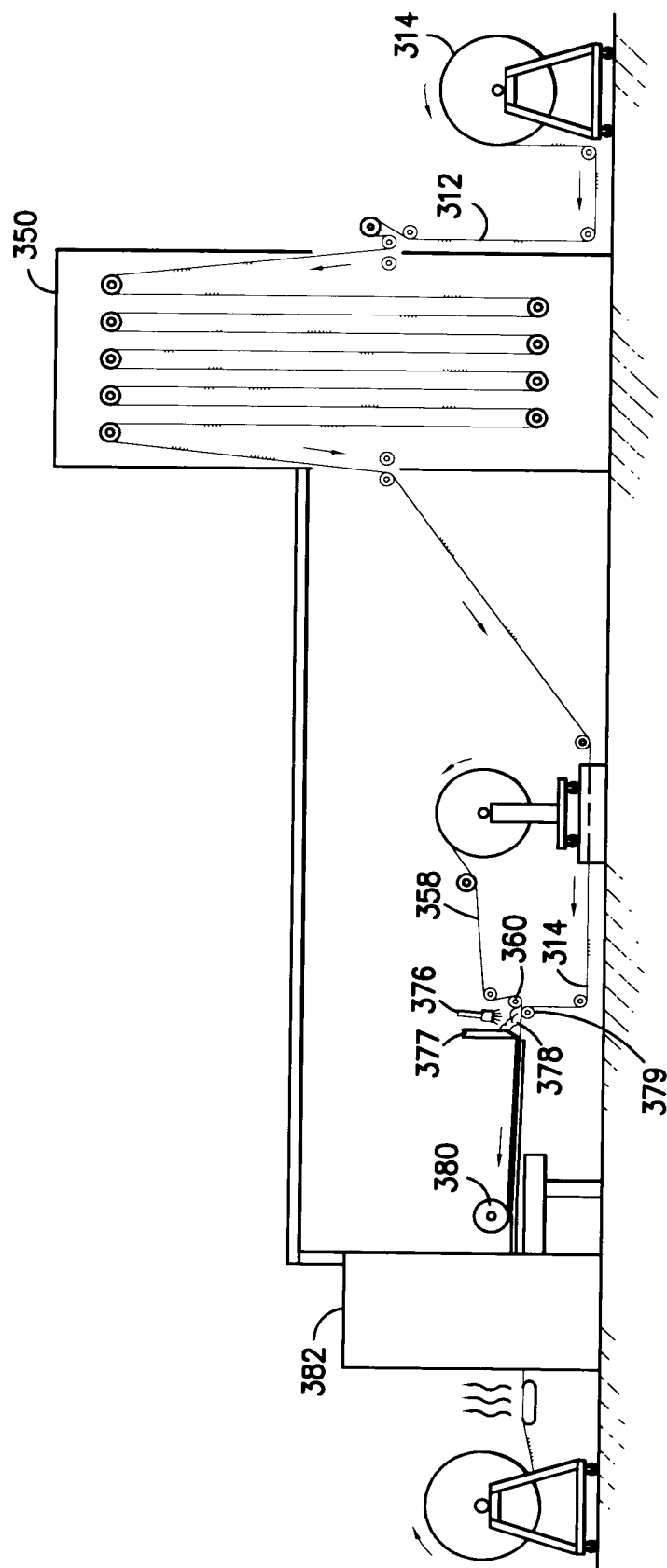


FIG. -19-

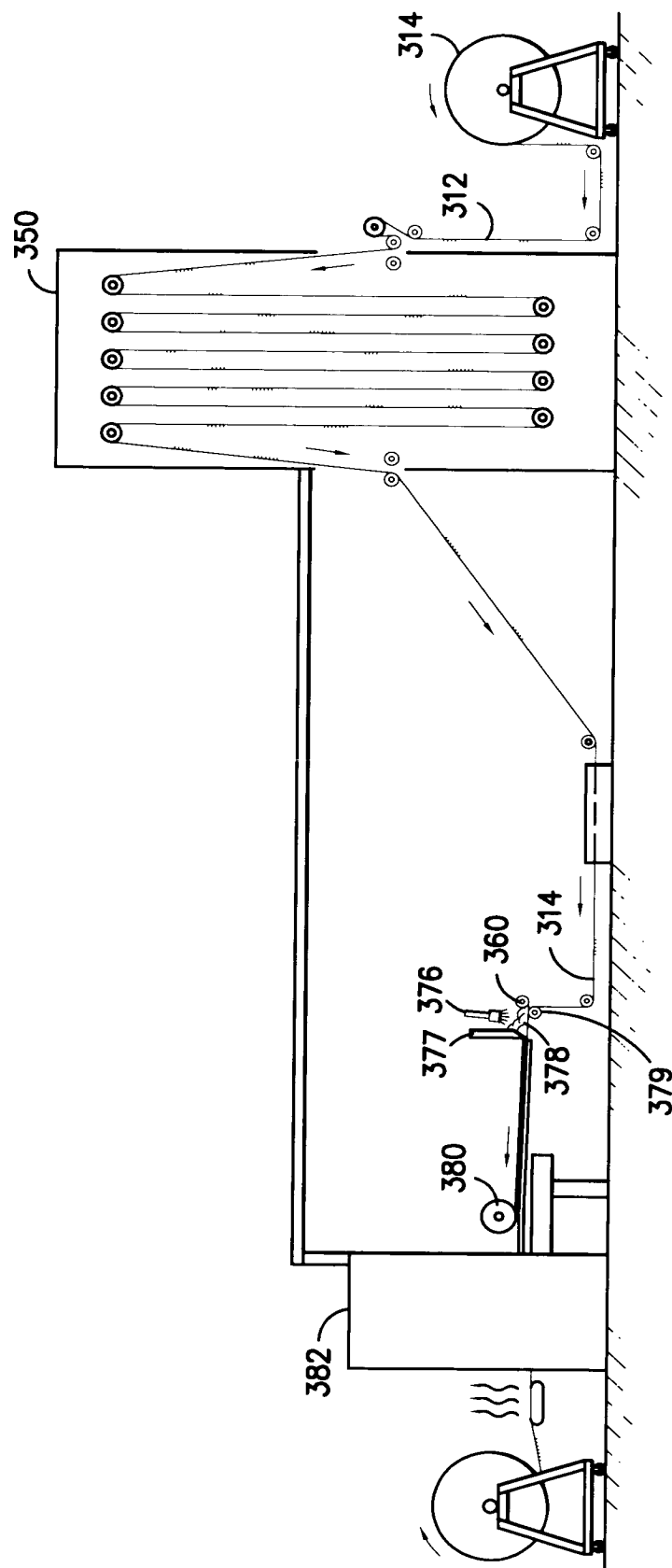


FIG. -19A-